

(c) Disk operating system

(d) None of these

**Section-B**

**(Short Answer)**

**Note:** Answer any NINE of the following questions. Each question carries 04 marks.

- Q.2: Differentiate between Hardware and Software.
- Q.3: Explain fourth generation of computer.
- Q.4: What do you mean by high level programming language?
- Q.5: What is an operating system?
- Q.6: Differentiate between analog and digital computer.
- Q.7: Define binary number system.
- Q.8: What is the associative law in Boolean algebra?
- Q.9: What is ASCII code?
- Q.10: How many types of DOS commands? Explain all.
- Q.11: What is Karnaugh map?
- Q.12: Convert the following:  
(a)  $(231560)_8 = (?)_2$   
(b)  $(AA60B)_{16} = (?)_2$
- Q.13: Explain any two of the following:  
Disk copy      -      Prompt      -      Chksk

**Section-C**

**(Descriptive Answer)**

**Note:** Answer any THREE of the following questions. Each question carries 08 marks.

- Q.14: What is Software? Explain System software with their categories.
- Q.15: Define Printer. What is the difference between impact and non-impact printers?
- Q.16: Define BUS. Explain its types.
- Q.17: What is data? Explain its all types.
- Q.18: Discuss the impact of computer and Internet on society.